

RICE UNIVERSITY

**Jishin**

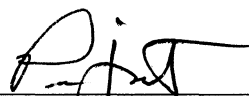
by

**Andrew Hiroaki Nishikawa**

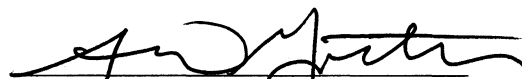
A THESIS SUBMITTED  
IN PARTIAL FULFILLMENT OF THE  
REQUIREMENTS FOR THE DEGREE

**Doctor of Musical Arts**

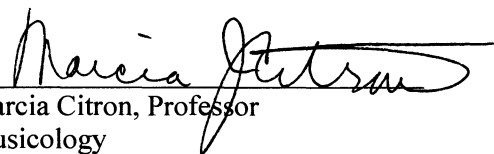
APPROVED, THESIS COMMITTEE:



Pierre Jalbert, Professor  
Composition & Theory



Arthur Gottschalk, Professor  
Composition & Theory



Marcia Citron, Professor  
Musicology



Vivian Ho, Chair  
Health Economics

HOUSTON, TEXAS  
APRIL 2011

*Copyright*

*Andrew Hiroaki Nishikawa*

*2011*

## ABSTRACT

Jishin

by

Andrew Hiroaki Nishikawa

Jishin (earthquake) is a musical composition written for full orchestra, based on a twelve-tone row. The twelve-tone row is structured such that it contains only two musical intervals (perfect 5<sup>th</sup>, major 3<sup>rd</sup>). Due to the nature of the row, various transpositions of the row can be used to form what seems to be a never ending cycle of pitches. Throughout the composition the material of the row is fragmented and used motivically to develop larger structures within the whole of the piece. Like an earthquake, Jishin strives to create an enormous amount of tension and aggressive energy. At the end, the moment of strongest tension, the original row is set against itself in retrograde, metaphorically representing the friction caused by plate tectonics.

# **J i s h i n** (earthquake)

## **-Instrumentation**

3 Flutes - 3rd doubling Piccolo  
3 Oboes  
3 Bb Clarinets - 3rd doubling Bass Clarinet  
3 Bassoons

4 Horns in F  
3 Trumpets in C  
2 Trombones  
1 Bass Trombone  
1 Tuba

Timpani

Percussion 1 - Bass drum, Glockenspiel, Slap-stick, Egg shakers

Percussion 2 - Suspended cymbal, Chinese cymbal, Snare drum, Low tom-tom, High bongo, Sleigh bells

Percussion 3 - Marimba, Chimes, Vibraphone, Tam-tam

Piano

Strings

(Note: Transposing score, horns sounding a perfect 5th lower, clarinets sounding a major 2nd lower)

**Duration: 8 min.**



Transposing Score

# JISHIN

Andrew Nishikawa b. 1980

**Vigorously, fierce**  $\text{♩} = 92$

Flutes 1,2  $a^2$

Piccolo / Flute 3  $a^2$

Oboes 1,2  $a^2$

Oboe 3  $a^2$

B♭ Clarinets 1,2  $a^2$

Bass Clarinet / B♭ Clarinet 3  $a^2$

Bassoons 1,2  $a^2$

Bassoon 3  $a^2$

Horns in F 1,3  $a^2$

Horns in F 2,4  $a^2$

Trumpets in C 1,2 1. open  $a^2$  2. con sord.  $f$   $ff$

Trumpet in C 3 con sord.  $f$   $ff$

Trombones 1,2  $f$   $ff$

Bass Trombone  $f$   $ff$

Tuba  $f$   $ff$

Timpani  $f$   $ff$

Percussion 1 bass drum  $f$   $ff$

Percussion 2 Chinese cymbal.  $f$   $ff$  low tom-tom  $f$   $ff$

Percussion 3 (hard mallets) marimba  $f$   $ff$

Piano

**Vigorously, fierce**  $\text{♩} = 92$

Violin I  $f$   $ff$

Violin II  $f$   $ff$

Viola  $f$   $ff$

Cello  $f$   $ff$

Double Bass  $f$   $ff$



Flu. 1, 2 *a2*

Picc.

Oboe 1, 2 *a2*

Oboe 3

Bb Clarinet 1, 2 *a2*

B. Clarinet

Bassoon 1, 2 *(a2)*

Bassoon 3

Horn 1, 3 *a2* *sim.*

Horn 2, 4 *a2* *sim.*

C Trumpet 1, 2 *a2* *fp < sfz*

C Trumpet 3 *fp < sfz*

Trombone 1, 2 *fp < sfz*

B. Trombone

Tuba

Timp.

Perc. 1 *bass drum*

Perc. 2 *low tom-tom* *chinese cymbal*

Perc. 3

Piano

Violin I

Violin II

Viola

Violoncello

Double Bass





22

Fla. 1, 2. *p*

Picc.

Obs. 1, 2. *mf* *ppp*

Obs. 3. *mf* *ppp*

Bb Cl. 1, 2. *mf* *ppp*

B. Cl. *mf* *p* *ppp*

Bass. 1, 2. *p* *ppp*

Bass. 3. *p* *ppp*

Hrn. 1, 3. *mp*

Hrn. 2, 4. *mp* *p*

C Tpts 1, 2.

C Tpt. 3.

Trsn. 1, 2.

B. Tbn.

Tuba

Timp. *ppp*

Perc. 1.

Perc. 2.

Perc. 3. (marimba) *p*

Pno. *p*

22

Vln. I. *mf* *p* *div.* *ppp*

Vln. II. *mf* *p* *div.* *ppp*

Vla. *p* *div.* *ppp*

Vc. *p* *ppp* *div.*

D.B. *p* *ppp*

29

Fla. 1, 2: *f* *sf* *p* *sf* *a2*

Picc.: *f* *sf* *p* *sf*

Oboe 1, 2: *a2* *f* *sf* *p* *sf*

Ob. 3: *f* *sf* *p* *sf*

B♭ Clar. 1, 2: *a2* *f* *sf* *p* *sf*

B. Cl.: *f* *sf* *p* *sf*

Bass 1, 2: *f* *sf* *p* *sf* *cresc.* *sf* *a2*

Bass 3: *f* *sf* *p* *sf* *cresc.* *sf*

Hrn. 1, 3: *f* *sf* *p* *sf* *cresc.* *sf*

Hrn. 2, 4: *f* *sf* *p* *sf* *cresc.* *sf*

C. Tpt. 1, 2: *a2* *f* *sf* *p* *sf*

C. Tpt. 3: *f* *sf* *p* *sf*

Trbn. 1, 2: *f* *sf* *p* *sf* *cresc.* *sf*

B. Tbn.: *f* *sf* *p* *sf* *cresc.* *sf*

Tuba: *f* *sf* *p* *sf*

Timpani: *mf* *f* *sf*

Perc. 1: *f* *sf* *p* *sf*

Perc. 2: *f* *sf* *p* *sf*

Perc. 3: *f* *sf* *p* *sf*

Piano: *f* *sf* *p* *sf*

Vln. I: *mf* *f* *sf* *p* *sf*

Vln. II: *mf* *f* *sf* *p* *sf*

Vla.: *mf* *f* *sf* *p* *sf*

Vc.: *mf* *f* *sf* *p* *sf*

D.B.: *f* *sf* *p* *sf*



36

Fla. 1,2. *(a2)*

Picc.

Oboe 1,2. *(a2)*

Oboe 3.

Bb Clarinet 1,2. *(a2)*

B. Clarinet.

Bassoon 1,2. *(a2)*

Bassoon 3.

Horn 1,3. *a2* *sim.* *a2*

Horn 2,4. *a2* *sim.*

C Trumpet 1,2. 1. open *a2* 2. con sord. con sord.

C Trumpet 3.

Trombone 1,2.

B. Trombone.

Tuba.

Temp.

Perc. 1. bass drum

Perc. 2. chinese cymbal. low tom-tom

Perc. 3. (hard mallets) marimba

Piano.

36

Vln. I.

Vln. II.

Vla.

Vcl.

D.B.



43

Fla. 1, 2.

Picc.

Oboe 1, 2.

Oboe 3.

B♭ Clarinet 1, 2.

B. Clarinet.

Bassoon 1, 2.

Bassoon 3.

Horn 1, 3.

Horn 2, 4.

C Trumpet 1, 2.

C Trumpet 3.

Trumpet 1, 2.

B. Trumpet.

Tuba.

Tempo.

Perc. 1.

Perc. 2.

Perc. 3.

Piano.

Vin. I.

Vin. II.

Vla.

Vcl.

D.B.



50

Fla. 1, 2. *f* *mf* *a2*

Picc. *f* *mf* *a2*

Oboe 1, 2. *f* *mf* *a2*

Oboe 3. *f* *mf* *a2*

B♭ Clarinet 1, 2. *f* *mf* *a2*

B. Clarinet. *f* *mf* *a2*

Bassoon 1, 2. *f* *mf*

Bassoon 3. *f* *mf*

Horn 1, 3. *a2* *mf* *f*

Horn 2, 4. *a2* *mf* *f*

C. Trumpet 1, 2. *a2* *mf* *f*

C. Trumpet 3. *a2* *mf* *f*

Trumpet 1, 2. *a2* *f* *mf*

B. Trumpet. *f* *mf*

Tuba. *f* *mf*

Tempo. *mf*

Perc. 1. bass drum *f* *mp*

Perc. 2. snare drum *mf*

Perc. 3. marimba *f*

Piano. *f*

50

Vin. I. *f* *mf*

Vin. II. *f* *mf*

Vla. *f* *mf*

Vcl. *f* *mf*

D.B. *f* *mf*



57

Fls. 1, 2. *ff*

Picc. *ff*

Oboe 1, 2. *f*

Oboe 3. *ff*

B♭ Clarinet 1, 2. *ff*

B. Clarinet. *f*

Bassoon 1, 2. *f*

Bassoon 3. *f*

Horn 1, 3. *a2* *f*

Horn 2, 4. *a2* *f*

C Trumpet 1, 2. *f*

C Trumpet 3. *f*

Trombone 1, 2. *f*

B. Trombone. *f*

Tuba. *f*

Temp.

Perc. 1. bass drum

Perc. 2. snare drum *ff*

Perc. 3. *ff*

Pan. *f*

chimes

57

Vln. I. *ff*

Vln. II. *ff*

Vla. *f*

Vcl. *f*

D.B. *f*

64

Fl. 1.2.

Picc.

Oboe 1.2.

Ob. 3

Bb Cl. 1.2.

B. Cl.

Bass. 1.2.

Bass. 3

Hrn. 1.3.

Hrn. 2.4.

C Tpts 1.2.

C Tpt. 3

Trsn. 1.2.

B. Trsn.

Tuba

Timp.

Perc. 1 (bass drum) glockenspiel

Perc. 2

Perc. 3 chimes

Pno.

64

Vln. I

Vln. II

Vla.

Vcl.

D.B.



71

Fls. 1,2. *mf*

Flot. *mf* *f*

Oboe 1,2. *mf* *f*

Ob. 3

Db Cls. 1,2. *mf* *f* *sf*

B. Cl. *mf* *f*

Bsn. 1,2. *mf* *f*

Bsn. 3

Hrn. 1,3.

Hrn. 2,4.

C Tpts 1,2.

C Tpt. 3

Tbn. 1,2.

B. Tbn.

Tuba

Timp.

Perc. 1 *p*

Perc. 2

Perc. 3 *marimba* *mf* *mf*

Pno. *mp* *p* *mp*

71

Vln. I *mf* *mf*

Vln. II *mf* *p* *mf*

Vla. *mf* *p* *mf*

Vcl. *mf* *p* *mf*

D.B. *mf* *mf*

78

*a tempo "vigorously, fierce"*

Fla. 1, 2. (a2)

Picc.

Obu. 1, 2. (a2)

Ob. 3.

Bb Ctn. 1, 2. a2

B. Cl.

Bar. 1, 2.

Bsn. 3.

Hrn. 1, 3.

Hrn. 2, 4.

C Tpt. 1, 2.

C Tpt. 3.

Tbn. 1, 2.

B. Tbn.

Tuba

Timp.

Perc. 1.

Perc. 2.

Perc. 3.

Pno.

78

*a tempo "vigorously, fierce"*

Vln. I.

Vln. II.

Vla.

Vcl.

D.B.



Fls. 1, 2. *cresc.* *ff*

Picc. *cresc.* *ff*

Oboe 1, 2. *cresc.* *ff*

Ob. 3. *cresc.* *ff*

Bb Clar. 1, 2. *cresc.* *ff*

B. Cl. *cresc.* *ff*

Bass 1, 2. *cresc.* *ff*

Bass 3. *cresc.* *ff*

Hrn. 1, 3. *mf* *ff*

Hrn. 2, 4. *mf* *cresc.* *ff*

C Tpt. 1, 2. *mf* *cresc.* *ff*

C Tpt. 3. *mf* *cresc.* *ff*

Trbn. 1, 2. *mf* *cresc.* *ff*

B. Trbn. *cresc.* *ff*

Tuba *mf* *cresc.* *ff*

Timp. *ff*

Perc. 1. *ff*

Perc. 2. *ff*

Perc. 3. *marimba* *mf* *ff*

Pno. *mf* *ff*

Vln. I. *cresc.* *ff*

Vln. II. *cresc.* *ff*

Vla. *cresc.* *ff*

Vcl. *cresc.* *ff*

D.B. *cresc.* *ff*



14

99

Flu. 1.2.

Picc.

Obs. 1.2.

Ob. 3.

Bb Cls. 1.2.

B. Cl.

Bass. 1.2.

Bass. 3.

Hrn. 1.3.

Hrn. 2.4.

C Tpts. 1.2.

C Tpt. 3.

Tbn. 1.2.

B. Tbn.

Tuba

Timp.

Perc. 1.

Perc. 2.

Perc. 3.

Pno.

99

con sord. *div.*

Vln. I.

Vln. II.

Vla.

Vcl.

D.B.



106

Fls. 1,2. *1.* *p*

Picc.

Obs. 1,2.

Ob. 3.

Bb Cls. 1,2. *1.* *p*

B. Cl.

Bsns. 1,2. *2.* *sim.* *mp*

Bsn. 3.

Hrn. 1,3.

Hrn. 2,4.

C Tpts. 1,2.

C Tpt. 3.

Trsn. 1,2.

B. Trsn.

Tuba.

Timp.

Perc. 1.

Perc. 2.

Perc. 3.

Pnn.

106

Vln. I. *half section (outside stands)*

Vln. II. *p*

Vla. *half section (outside stands)* *arco* *p*

Vcl. *half section (outside stands)* *p*

D.B.



113

113

120

Ph. 1.2. (1.) *p*

Picc. (1. solo) *p*

Oboe 1.2. *mp* 1. solo *legato*

Ob. 3. *mp*

Bb Cl. 1.2. (1.) *p* 1. solo *legato*

B. Cl. *mp*

Bass 1.2. *p*

Bass 3.

Hrn. 1.3.

Hrn. 2.4.

C Tpts 1.2.

C Tpt. 3.

Tbn. 1.2.

B. Tbn.

Tuba

Temp.

Perc. 1. *p* glockenspiel

Perc. 2.

Perc. 3.

Pno.

120 (half section) *pppp*

Vln. I. *pizz.*

Vln. II. *p*

Vla. (half section) *p* *uniz. pizz.*

Vc. (half section) *p* *mp* *pp*

D.B. *pp*



127

127

134

134





148

[illegible]

Hrn. 1,3.

Hrn. 2,4.

C Tpts 1,2.

C Tpt. 3.

Tbn. 1,2.

B. Tbn.

Tuba

This musical score is for a percussion ensemble and piano. It features four staves:
 

- Tempo:** Indicated by a bass clef and a common time signature (C).
- Perc. 1:** Features a melodic line with eighth and sixteenth notes, including slurs and accents. It includes a section labeled "sleigh bells" with a piano (*p*) dynamic marking.
- Perc. 2:** Features a melodic line with eighth and sixteenth notes, including slurs and accents. It includes a section labeled "sleigh bells" with a piano (*p*) dynamic marking.
- Perc. 3:** Features a melodic line with eighth and sixteenth notes, including slurs and accents.
- Piano:** Features a melodic line with eighth and sixteenth notes, including slurs and accents.

148

148

Violin I and Violin II parts are mostly silent, with a final measure in Violin I marked *mp*. The Viola part features a melodic line starting in measure 148, marked *p* and *f*, with a crescendo hairpin. The Violoncello and Double Bass parts play a rhythmic pattern of eighth notes, marked *mf* and *p*, with a crescendo hairpin. The Double Bass part also has a final measure marked *mp*.



155

Flu. 1,2. *mp* *2.<sup>nd</sup>* *1.<sup>st</sup>* *2.<sup>nd</sup>* *1.<sup>st</sup>* *2.<sup>nd</sup>*

Flu. 3. *mp* *flute*

Obs. 1,2.

Ob. 3.

Bb Cls. 1,2. *mp* *1.<sup>st</sup>* *2.<sup>nd</sup>* *1.<sup>st</sup>* *2.<sup>nd</sup>*

B. Cl. *to Bb Cl.*

Bsn. 1,2. *p* *1.*

Bsn. 3.

Hrn. 1,3.

Hrn. 2,4.

C Tpts. 1,2.

C Tpts. 3.

Tbns. 1,2.

B. Tbn.

Tuba.

Timp.

Perc. 1.

Perc. 2. *pp*

Perc. 3. *p* *vibraphone* *gong* *gong*

Pno. *p* *mf*

155

Vln. I. *p*

Vln. II. *mp*

Vla. *p*

Vcl. *p*

D.B.

[illegible]



169

Fls. 1, 2

Picc.

Obo. 1, 2

Obo. 3

Bb Clar. 1, 2

Bb Clar. 3

Bass. 1, 2

Bass. 3

Hrn. 1, 3

Hrn. 2, 4

C Tpt. 1, 2

C Tpt. 3

Tbn. 1, 2

B. Tbn.

Tuba

Timp.

Perc. 1

Perc. 2

Perc. 3

Pan.

Score for woodwinds, brass, and percussion. The page contains 19 staves. The woodwind section includes Flutes 1 & 2, Piccolo, Oboes 1, 2 & 3, Bb Clarinets 1, 2 & 3, Bassoons 1, 2 & 3, Horns 1, 3 & 2, 4, C Trumpets 1, 2 & 3, Tenors 1, 2, Baritone, and Tuba. The brass section includes Trombones 1, 2, Baritone, and Tuba. The percussion section includes Timpani, Percussion 1, 2, and 3, and a Pan flute. The score is in 4/4 time and features various dynamics such as *mp*, *p*, and *pp*. The woodwinds and brass play melodic lines, while the percussion provides a rhythmic foundation.

169

Vln. I

Vln. II

Vla.

Vcl.

D.B.

Score for strings. The page contains 5 staves. The string section includes Violins I & II, Viola, Violoncello, and Double Bass. The score is in 4/4 time and features various dynamics such as *mp*, *p*, and *pp*. The strings play a melodic line, with the Violins I & II and Viola playing the main melody, and the Violoncello and Double Bass providing a harmonic foundation.

176

Fl. 1, 2 *a2* *p* *mf* *p* *mf*

Picc. *p* *mf* *p* *mf*

Obs. 1, 2 *a2* *p* *mf* *p*

Ob. 3 *p* *mf* *p* *mf*

Bb Cl. 1, 2 *a2* *p* *mf* *p* *mf*

Bb Cl. 3 *p* *mf* *p* *mf*

Bsn. 1, 2 *a2* *p* *mf* *a2* *p*

Bsn. 3 *p* *mf* *p*

Hrn. 1, 3 *a2* *p*

Hrn. 2, 4

C Tpta. 1, 2

C Tpt. 3

Tbn. 1, 2 *p*

B. Tbn. *p*

Tuba *p*

Timp. *p*

Perc. 1 *bass drum* *p*

Perc. 2 *sus. cymbal* *mf* *p*

Perc. 3 *mf* *p*

Pno. *mp* *p* *mf*

Vln. I *p* *mf* *p* *mf*

Vln. II *mp* *mf* *p* *mf*

Vla. *mp* *p* *mf* *mf*

Vcl. *mp* *mf* *p*

D.B. *p*

176



183

Flu. 1, 2. *p* *mf* *a2* *f*

Picc. *f*

Oboe 1, 2. *mf* *f*

Oboe 3. *p* *mf* *f*

B♭ Clarinet 1, 2. *p* *f*

B♭ Clarinet 3. *p* *f*

Bassoon 1, 2. *mf* *f*

Bassoon 3. *mf* *f*

Horn 1, 3. *mf* *f*

Horn 2, 4. *a2* *p* *mf* *f*

C Trumpet 1, 2. 1. *p* *mf* *a2* *f*

C Trumpet 3. *p* *mf* *f*

Trombone 1, 2. *p* *mf* *a2* *f*

B. Trombone. *f*

Tuba. *f*

Timpani. *f*

Perc. 1.

Perc. 2.

Perc. 3.

Piano.

183

Vln. I. *mp* *f*

Vln. II. *p* *mp* *f*

Vla. *p* *f*

Vcl. *p* *f*

D.B. *p* *f*

190

(a2)

Fl. 1, 2

Picc.

Obs. 1, 2

Ob. 3

Bb Clar. 1, 2

Bb Cl. 3

Bass. 1, 2

Ban. 3

Hrn. 1, 3

Hrn. 2, 4

C Tpts. 1, 2

C Tpt. 3

Tbn. 1, 2

B. Tbn.

Tuba

Timp.

Perc. 1

Perc. 2

Perc. 3

Pno.

190

Vln. I

Vln. II

Vla.

Vcl.

D.B.



197

Flu. 1, 2. *f* *sf* *mf*

Picc. *f* *sf* *mf*

Obs. 1, 2. *mf* *sf* *mf*

Obs. 3. *mf* *sf* *mf*

Bb Clar. 1, 2. *mf* *f* *mf*

Bb Clar. 3. *mf* *f* *mf*

Bass. 1, 2. *mf*

Bass. 3. *mf*

Hrn. 1, 3. *mf*

Hrn. 2, 4. *mf*

C Tpts. 1, 2. *mf*

C Tpts. 3. *mf*

Tbns. 1, 2. *mf*

B. Tbn. *mf*

Tuba *mf*

Timp. *mf*

Perc. 1.

Perc. 2.

Perc. 3.

Pno. *f* *sf* *mf*

197

Vln. I. *mf* *sf* *mf* *mf*

Vln. II. *mf* *sf* *mf* *mf* *mf*

Vla. *mf* *sf* *mf* *mf* *mf*

Vcl. *mf* *sf* *mf* *mf*

D.B. *mf*

204

Flu. 1, 2 (a2)

Picc.

Oboe 1, 2 (a2)

Oboe 3

Bb Clarinet 1, 2 (a2)

Bb Clarinet 3

Bassoon 1, 2

Bassoon 3

Horn 1, 3 (a2)

Horn 2, 4 (a2)

C Trumpet 1, 2 (a2)

C Trumpet 3

Trombone 1, 2 (a2)

B. Trombone

Tuba

Timpani

Perc. 1

Perc. 2

Perc. 3

Pan.

204

Vln. I (sul pont.)

Vln. II (sul pont.)

Vla. (sul pont.)

Vcl. (sul pont.)

D.B.



211

Fl. 1, 2

Picc.

Obs. 1, 2

Ob. 3

Bb Cl. 1, 2

Bb Cl. 3

Bsn. 1, 2

Bsn. 3

Hrn. 1, 3

Hrn. 2, 4

C Tpt. 1, 2

C Tpt. 3

Tbn. 1, 2

B. Tbn.

Tuba

Timp.

Perc. 1

Perc. 2

Perc. 3

Pno.

This block contains the musical score for measures 211 through 215. The instrumentation includes Flutes 1 and 2, Piccolo, Oboes 1, 2, and 3, B-flat Clarinets 1, 2, and 3, Bassoons 1, 2, and 3, Horns 1, 2, 3, and 4, Trumpets in C 1, 2, and 3, Tenor and Baritone Trombones, Tuba, Timpani, three types of Percussion, and Piano. The score is written in 4/4 time with a key signature of one flat. It features various dynamics such as *f*, *ff*, *mf*, and *ffz*, along with articulation marks like accents and staccato. The woodwinds and brass sections have complex melodic and harmonic lines, while the percussion and piano provide a rhythmic foundation.

211

Vln. I

Vln. II

Vla.

Vcl.

D.B.

This block contains the musical score for measures 211 through 215 for the string section, including Violins I and II, Viola, Violoncello, and Double Bass. The score is written in 4/4 time with a key signature of one flat. It features various dynamics such as *f*, *ff*, *mf*, and *ffz*, along with articulation marks like accents and staccato. The strings play a rhythmic pattern with some melodic movement, particularly in the upper strings. The double bass has a more active role with some melodic lines.

218

218

Flu. 1, 2. *p* *1. solo*

Picc.

Oboe 1, 2.

Oboe 3. *mf*

B♭ Clarinet 1, 2. *f*

B♭ Clarinet 3.

Bassoon 1, 2. *f*

Bassoon 3.

Horn 1, 3.

Horn 2, 4.

C Trumpet 1, 2. *mf*

C Trumpet 3. *mf*

Trombone 1, 2.

B. Trombone.

Tuba.

Timpani.

Percussion 1.

Percussion 2.

Percussion 3.

Piano.

218

Violin I

Violin II

Viola

Violoncello

Double Bass



225

Fls. 1, 2. *p*

Picc. *p*

Obs. 1, 2. *p*

Ob. 3. *p*

Bb Cls. 1, 2. *p*

Bb Cl. 3. *p*

Bsns. 1, 2.

Bsn. 3.

Hrn. 1, 3. *pp* *mf*

Hrn. 2, 4. *pp* *mf*

C Tpts. 1, 2.

C Tpt. 3.

Trsn. 1, 2. *pp* *mf*

B. Trn.

Tuba.

Timp.

Perc. 1. slapstick *f*

Perc. 2.

Perc. 3. marimba *mf* *f*

Pon. *mf* *f*

225

Vln. I. *mf*

Vln. II. *mf*

Vla. *mf*

Vcl. *mf*

D.B.

232

Fls. 1, 2. *f* *a2*

Picc.

Obs. 1, 2. *f* *a2*

Ob. 3. *mf*

Bb Cls. 1, 2. *mf* *a2*

Bb Cl. 3. *mf*

Bsns. 1, 2. *f*

Bsn. 3.

Hrn. 1, 3.

Hrn. 2, 4.

C Tpts. 1, 2.

C Tpt. 3.

Tbns. 1, 2.

B. Tbn.

Tuba.

Timp.

Perc. 1.

Perc. 2.

Perc. 3. *marimba* *mf* *p*

Pno.

232

Vin. I. *mf*

Vin. II. *mf*

Vla. *mf*

Vcl. *mf*

D.B. *mf*



239

Fls. 1, 2. *p* *f* 1. *p* *f*

Picc. *f* *p*

Oboe 1, 2. *a2* *p* *f*

Ob. 3. *p* *f*

Bb Clar. 1, 2. *a2* *mf* *f* 1. *p* *f*

Bb Cl. 3. *p*

Bass 1, 2. 1. *mf* 2. *mf*

Bass 3.

Hrn. 1, 3. *p* *mf*

Hrn. 2, 4. *p* *mf*

C Tpt. 1, 2. 1. *mf* 2. *mf*

C Tpt. 3.

Trom. 1, 2.

B. Trom.

Tuba

Timp.

Perc. 1. egg shakers *mf* *p*

Perc. 2. sus cymbal *p* *mf*

Perc. 3. *p* *f*

Piano. *p* *f* *mf* *p*

239

Vln. I. *p* *f* *p*

Vln. II. *p* *f* *p* *mf*

Vla. *f* *mf*

Vcl. *pizz.*

D.B. *pizz.* *mf*

246

Fls. 1,2. *a2* *mf* *f*

Picc. *f* *f*

Oboe 1,2. *a2* *f*

Ob. 3. *f*

Bb Clar. 1,2. *a2* *mf* *f*

Bb Cl. 3. *mf* *f*

Bass. 1,2. *f*

Bass. 3. *f*

246

Hrn. 1,3. *fp*

Hrn. 2,4. *fp*

C Tpt. 1,2. *f* *fp*

C Tpt. 3. *fp*

Thsn. 1,2.

B. Thsn.

Tuba

Perc. 1. *slapstick* *f*

Perc. 2.

Perc. 3.

Pon.

246

Vln. I. *f*

Vln. II. *f*

Vla. *f*

Vcl. *arco* *f*

D.B. *f*



253

Flu. 1, 2. *ff* *mp*

Picc. *ff* *mp*

Oboe 1, 2. *f*

Ob. 3. *f*

Bb Clar. 1, 2. *p*

Bb Clar. 3. *p*

Bass. 1, 2.

Bass. 3.

Hrn. 1, 3. *f*

Hrn. 2, 4. *f*

C Tpt. 1, 2. *mf* *sf*

C Tpt. 3. *mf*

Tbn. 1, 2.

B. Tbn.

Tuba

Timp.

Perc. 1. *slapstick* *ff* *f*

Perc. 2.

Perc. 3. *marimba* *p* *mf* *p*

Pno. *p*

253

Vln. I. *ff* *p* *mf* *p*

Vln. II. *ff* *p* *mf* *p*

Vla. *ff* *subito p* *mf* *p*

Vcl. *ff* *p*

D.B. *(pizz.)* *mf* *p* *mf* *p*



259

Flk. 1.2. *(a2)* *f*

Flc. *f*

Obs. 1.2. *(a2)* *f*

Ob. 3. *f*

Bb Cl. 1.2. *(a2)* *f*

Bb Cl. 3. *f* to Bass Cl. *f* Bass Cl. *f*

Bsn. 1.2. *(a2)* *f*

Bsn. 3. *f*

Hrn. 1.3. *f* *a2*

Hrn. 2.4. *f* *a2*

C Tpts. 1.2. 1. open *a2* *f* 2. con sord. *f*

C Tpt. 3. con sord. *f*

Tbn. 1.2. *f* *a2*

B. Tbn. *f*

Tuba *f*

Timp. *f*

Perc. 1.

Perc. 2.

Perc. 3. (marimba) *f*

Pan. *f*

Vln. I *f*

Vln. II *f*

Vla. *f*

Vcl. *f*

D.B. *f* *arco*



Fls. 1, 2. Picc. Obs. 1, 2. Ob. 3. Bb Cls. 1, 2. B. Cl. Bass. 1, 2. Bar. 3. Hrn. 1, 3. Hrn. 2, 4. C Tpts. 1, 2. C Tpt. 3. Tbn. 1, 2. B. Tbn. Tuba. Timp. Perc. 1. Perc. 2. Perc. 3. Pno.

glockenspiel

snare drum

high bongo (with sticks)

marimba

266

Vln. I. Vln. II. Vla. Vc. D.B.



274

Fls. 1, 2. *(a2)*

Picc.

Oboe 1, 2. *(a2)*

Clarinet 3.

Bb Clarinet 1, 2. *(a2)*

Bassoon 1.

Bassoon 2.

Horn 1, 3. *(a2)*

Horn 2, 4. *(a2)*

C Trumpet 1, 2. *(a2)*

C Trumpet 3.

Trombone 1, 2.

Bass Trombone.

Tuba.

Timpani.

Percussion 1. *glockenspiel*

Percussion 2. *(Snare Drum) high bongo (with sticks) low tom-tom*

Percussion 3. *marimba*

Piano.

274

Violin I.

Violin II.

Viola.

Violoncello.

Double Bass.



281

Fls. 1, 2. *cresc.*

Picc. *cresc.*

Obs. 1, 2. *cresc.*

Ob. 3. *cresc.*

Bb Cls. 1, 2. *cresc.*

B. Cl. *cresc.*

Bsn. 1, 2. *cresc.*

Bsn. 3. *cresc.*

Hrn. 1, 3. *cresc.*

Hrn. 2, 4. *cresc.*

C Tpt. 1, 2. *a2 senza sord. cresc.*

C Tpt. 3. *senza sord. cresc.*

Tbn. 1, 2. *cresc.*

B. Tbn. *cresc.*

Tuba *cresc.*

Timp.

Perc. 1.

Perc. 2.

Perc. 3. *marimba mf*

Pno. *mf*

281

Vln. I. *cresc.*

Vln. II. *cresc.*

Vla. *cresc.*

Vcl. *cresc.*

D.B. *cresc.*



288

Fls. 1, 2. Picc. Obs. 1, 2. Cl. 3. Bb Cl. 1, 2. B. Cl. Bar. 1, 2. Bus. 3. Hrn. 1, 3. Hrn. 2, 4. C Tpts. 1, 2, 3. C Tpt. 3. Tbn. 1, 2. B. Tbn. Tuba. Timp. Perc. 1. Perc. 2. Perc. 3. Phn.

This page contains the musical score for measures 288 through 292. The instrumentation includes Flutes 1 and 2, Piccolo, Oboes 1 and 2, Clarinet 3, B-flat Clarinets 1 and 2, Bass Clarinet, Baritone 1 and 2, Bassoon 3, Horns 1, 3 and 2, 4, C Trumpets 1, 2, 3 and C Trumpet 3, Tenors 1 and 2, Baritone Tenor, Tuba, Timpani, Percussion 1, 2, and 3, and Piano. The score is written in 4/4 time. Measures 288-292 show a complex orchestral texture with various dynamics such as *ff*, *sf*, *f*, and *sfz*. The piano part features a prominent melodic line with many trills and grace notes.

288

Vln. I. Vln. II. Vla. Vcl. D.B.

This page contains the musical score for measures 288 through 292 for the string section, including Violins I and II, Viola, Violoncello, and Double Bass. The score is written in 4/4 time. Measures 288-292 show a complex orchestral texture with various dynamics such as *ff*, *sf*, *f*, and *sfz*. The string section provides a rich harmonic foundation for the orchestral ensemble.



295

Fls. 1, 2. *mf* *p* *mf* *ff*

Picc. *mf* *mf* *ff*

Obs. 1, 2. *mf* *mp* *f*

Ob. 3. *mf* *mp* *f*

Bb Cls. 1, 2. *mf* *p* *mf*

B. Cl. *mf* *to Bb Cl.*

Bsn. 1, 2. *mf* *mp* *f*

Bsn. 3. *mf*

Hrn. 1, 3. *sf* *sf* *f*

Hrn. 2, 4. *sf* *sf* *f*

C Tpts. 1, 2. *sf* *sf* *f*

C Tpt. 3. *sf* *sf* *f*

Tbn. 1, 2. *p* *mp* *f* *p*

B. Tbn. *p*

Tuba *p*

Timp. *p*

Perc. 1. *snare drum*

Perc. 2. *f* *p*

Perc. 3.

Pno.

295

Vln. I. *p* *f*

Vln. II. *p* *f*

Vla. *p* *f* *p*

Vcl. *p* *f* *robto p*

D.B. *p* *f* *robto p*

Fls. 1, 2. *p* *mf* *f*

Picc. *mf* *f* *p* *mf* *mf* *f*

Obs. 1, 2. *mp* *f*

Ob. 3. *mp* *f*

Clas. 1, 2. *p* *mf*

B. Cl. *p* *mf*

Bsn. 1, 2. *p* *mp* *f* *p*

Bsn. 3. *mp*

This musical score is for the song "The Sound of Silence" by Simon & Garfunkel. It is a full orchestral arrangement, likely for a film or stage production. The score includes parts for:

- Vocals:** Hm. 1,3. and Hm. 2,4. (Horn 1,3 and Horn 2,4).
- Woodwinds:** C Tpts 1,2. (C Trumpets 1,2).
- Strings:** C Tpt. 3. (C Trumpet 3), Trbn. 1,2. (Trumpets 1,2), B. Trbn. (Baritone Trumpet), and Tuba.
- Percussion:** Timp. (Timpani), Perc. 1, 2, 3 (Percussion 1, 2, 3).
- Piano:** Pno. (Piano).

The score is written in 4/4 time and features a variety of musical notations, including dynamics (e.g., *sfz*, *f*, *mp*, *p*), articulation (e.g., *acc.*, *stacc.*), and performance instructions (e.g., *snare drum*, *cresc.*). The arrangement is complex, with many instruments playing simultaneously, creating a rich, layered sound.

302

Violin I and Violin II parts are in treble clef. Viola is in alto clef. Violoncello and Double Bass are in bass clef. The score shows measures 302 through 306. Dynamics include *p* (piano), *f* (forte), and *subito p* (suddenly piano). The music features complex rhythmic patterns with many beamed sixteenth and thirty-second notes.



309

Flu. 1, 2. *ff*

Picc. *ff*

Oboe 1, 2. *ff*

Ob. 3. *ff*

Bb Cl. 1, 2. *ff*

Bb Cl. 3. *ff*

Bass 1, 2. *ff*

Bass 3. *ff*

Hrn. 1, 3. *ff*

Hrn. 2, 4. *ff*

C Tpt. 1, 2. *ff*

C Tpt. 3. *ff*

Tbn. 1, 2. *ff*

B. Tbn. *ff*

Tuba *ff*

Timp. *ff*

Perc. 1. *ff*

Perc. 2. *ff*

Perc. 3. *ff*

Pan. *ff*

marimba *ff*

309

Vla. I. *ff*

Vln. II. *ff*

Vla. *ff*

Vc. *ff*

D.B. *ff*



317

Fls. 1, 2. *(a2)* *cresc.* *ff*

Picc. *cresc.* *ff*

Oboe 1, 2. *cresc.* *ff*

Ob. 3. *cresc.* *ff*

Bb Clar. 1, 2. *(a2)* *cresc.* *ff*

Bb Clar. 3. *cresc.* *ff*

Bassoon 1, 2. *cresc.* *ff*

Bassoon 3. *cresc.* *ff*

Horn 1, 3. *a2* *cresc.* *ff*

Horn 2, 4. *cresc.* *ff*

C Trumpet 1, 2. *ff*

C Trumpet 3. *ff*

Trombone 1, 2. *cresc.* *ff*

B. Trombone. *cresc.* *ff*

Tuba. *cresc.* *ff*

Timp. *ff*

Perc. 1. *bass drum* *mp* *ff*

Perc. 2. *mp* *ff*

Perc. 3. *mp* *ff*

Piano. *ff*

317

Vln. I. *cresc.* *ff*

Vln. II. *cresc.* *ff*

Vla. *cresc.* *ff*

Vcl. *cresc.* *ff*

D.B. *cresc.* *ff*



323

Flu. 1.2.

Picc.

Obo. 1.2.

Ob. 3.

Bb Clar. 1.2.

Bb Cl. 3.

Bass. 1.2.

Bass. 3.

Hrn. 1.3.

Hrn. 2.4.

C Tpt. 1.2.

C Tpt. 3.

Tbn. 1.2.

B. Tbn.

Tuba

Timp.

Perc. 1.

Perc. 2.

Perc. 3.

Pan.

323

Vln. I.

Vln. II.

Vla.

Vcl.

D.B.

330

*poco a poco rit.*

Fla. 1, 2. *(a2)*

Picc. *ff*

Oboe 1, 2. *(a2)*

Oboe 3.

Bb Clar. 1, 2. *(a2)*

Bb Clar. 3.

Basn. 1, 2.

Basn. 3.

Hrn. 1, 3.

Hrn. 2, 4.

C Tpt. 1, 2.

C Tpt. 3.

Tbn. 1, 2. *(a2)*

B. Tbn.

Tuba.

Timp.

Perc. 1.

Perc. 2.

Perc. 3.

Pno.

330 *poco a poco rit.*

Vln. I

Vln. II

Vla.

Vc.

D.B.



336

$\text{♩} = 60$   
*molto rit.*

$\text{♩} = 20$

Fla. I, 2.  
Pic.  
Obs. I, 2.  
Ob. 3.  
Bb Cl. I, 2.  
Bb Cl. 3.  
Bsn. I, 2.  
Dsn. 3.  
Hrn. I, 3.  
Hrn. 2, 4.  
C Tpt. I, 2.  
C Tpt. 3.  
Tbn. I, 2.  
B. Tbn.  
Tuba  
Timp.  
Perc. 1.  
Perc. 2.  
Perc. 3.  
Pno.  
Vin. I.  
Vin. II.  
Vla.  
Vcl.  
D.B.

*lowest pitches possible on 2 drums (rumble)*  
bass drum  
*p*  
Tam tam  
*p*  
*choke!*